

Title (en)
METHODS AND SYSTEMS USING FRACTIONAL RANK PRECISION AND MEAN AVERAGE PRECISION AS TEST-RETEST RELIABILITY MEASURES

Title (de)
VERFAHREN UND SYSTEME MIT VERWENDUNG VON FRAKTIONALER RANGPRÄZISION UND MITTELWERTDURCHSCHNITTSPRÄZISION ALS MASSE DER TEST-RETEST-ZUVERLÄSSIGKEIT

Title (fr)
PROCÉDÉS ET SYSTÈMES UTILISANT UNE PRÉCISION DE RANG FRACTIONNAIRE ET UNE PRÉCISION EN VALEUR MOYENNE EN TANT QUE MESURES DE FIABILITÉ TEST-RETEST

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Application
EP 16790026 A 20160504

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Abstract (en)
[origin: WO2016179298A1] Disclosed herein are methods and systems of evaluating test-retest precision using fractional rank precision or mean-average precision, comprising: a) collecting a test and a retest result of each subject, wherein the results are described in feature space(s) and collected from a vision test machine; b) selecting, a first test result of a first subject; c) calculating distances from the first test result to the retest result of each subject; d) assessing, a similarity between the first test result and the retest result of each subject by ranking the distances in a non-descending order; e) assessing a rank precision for the first subject based on a rank of a distance from the first test result to the retest result of the first subject; f) repeating b), c), d), and e) for each subject; and evaluating, the test-retest precision based on the rank precision for each of the plurality of subjects.

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Citation (search report)
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• [A] WO 2012154279 A1 20121115 - ALCON RES LTD [US], et al
• [A] US 2014285769 A1 20140925 - PALANKER DANIEL [US], et al
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